

CLAIMS

1. A print medium feed system, comprising:
first print medium feed members for feeding a
5 print medium to a print section;
a print medium detection section provided on the
upstream side of said first print medium members in a feed
direction of said print medium and making detection of said
print medium;
10 a second print medium feed member provided on the
upstream side of said print medium detection section in
said feed direction and feeding said print medium to said
first print medium feed members; and
a control section for controlling said first and
15 second print medium feed members, wherein according to said
detection of said print medium by said print medium
detection section, said control section, firstly, makes
said second print medium feed member transport said print
medium by a first predetermined distance in said feed
20 direction, secondly, makes said first print medium feed
members transport said print medium by a second
predetermined distance in said feed direction, and thirdly,
makes said first print medium feed members transport said
print medium by a third predetermined distance in a
25 backward direction which is opposite to said feed direction.
2. The print medium feed system according to
claim 1, wherein said control section makes said second
print medium feed member stop transporting said print
medium while said first print medium feed members are
30 transporting said print medium by said second predetermined
distance.
3. The print medium feed system according to
claim 1, wherein said control section makes said second
print medium feed member continue transporting said print

medium while said first print medium feed members are transporting said print medium by said second predetermined distance.

4. The print medium feed system according to
5 claim 1, wherein said second predetermined distance of said transportation of said print medium by said first print medium feed members is made small.

5. The print medium feed system according to
10 claim 1, wherein said second predetermined distance of said transportation of said print medium by said first print medium feed members is made equal to a maximum size of a curl of said print medium.

6. The print medium feed system according to
15 claim 1, wherein said second print medium feed member does not press said print medium while said first print medium feed members are transporting said print medium in said print medium feed direction by said second predetermined distance.

7. The print medium feed system according to
20 claim 1, wherein said second print medium feed member presses said print medium while said first print medium feed members are transporting said print medium in said print medium direction by said second predetermined distance.

25 8. The print medium feed system according to claim 1, wherein said third predetermined distance of said transportation of said print medium in said backward direction is made large than said second predetermined distance in said print medium feed direction.

30 9. The print medium feed system according to claim 1, wherein said control section performs skew correction after said first print medium feed members transport said print medium in said backward direction.

10. The print medium feed system according to claim 1, wherein said second print medium feed member is a roller having a shape of substantially D.

11. The print medium feed system according to
5 claim 1, wherein said second print medium feed member is a roller which is made of a rubber part having at least one hollow.

12. The print medium feed system according to claim 1, wherein said print medium detection section is
10 composed of a plurality of print medium detection sensors.

13. The print medium feed system according to claim 1, wherein said second print medium feed member is provided at a position corresponding to positions of said first print medium feed members.

14. The print medium feed system according to
15 claim 9, wherein when said control section makes said first print feed members feed said print medium to said print section after finishing said skew correction, said second print medium feed member does not press said print medium.

15. The print medium feed system according to
20 claim 9, wherein when said control section makes said first print feed members feed said print medium to said print section after finishing said skew correction, said second print medium feed member presses said print medium.